FIG. 1

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SR 16234

FIG. 2

FIG. 4

FIG. 5

FIG. 6

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FIG. 7

MsCI / Et<sub>3</sub>N

MsO

CH<sub>3</sub>Li / LiBr complex 
$$H^+$$
 OMs  $H_3$ CO  $H_3$ CO  $H_3$ CO  $H_3$ CO  $H_4$ CO  $H_4$ CO  $H_5$ 

or Cs<sub>2</sub>CO<sub>3</sub>

MsO

37

36

FIG. 8

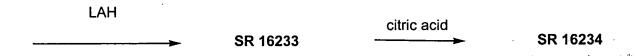


FIG. 9

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FIG. 10

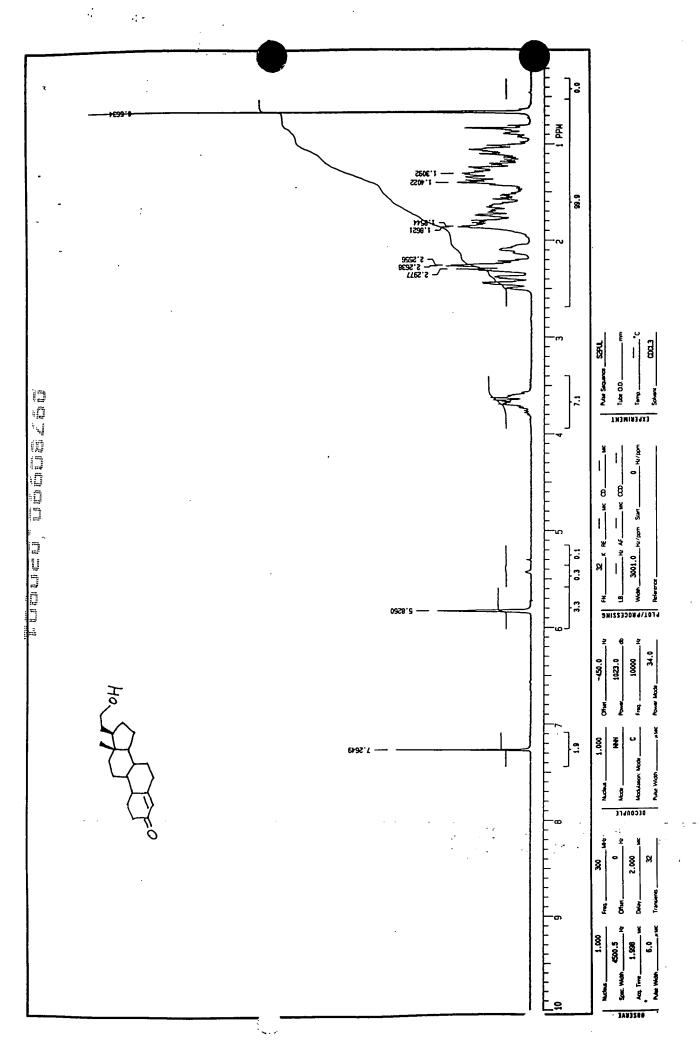


FIG. 11

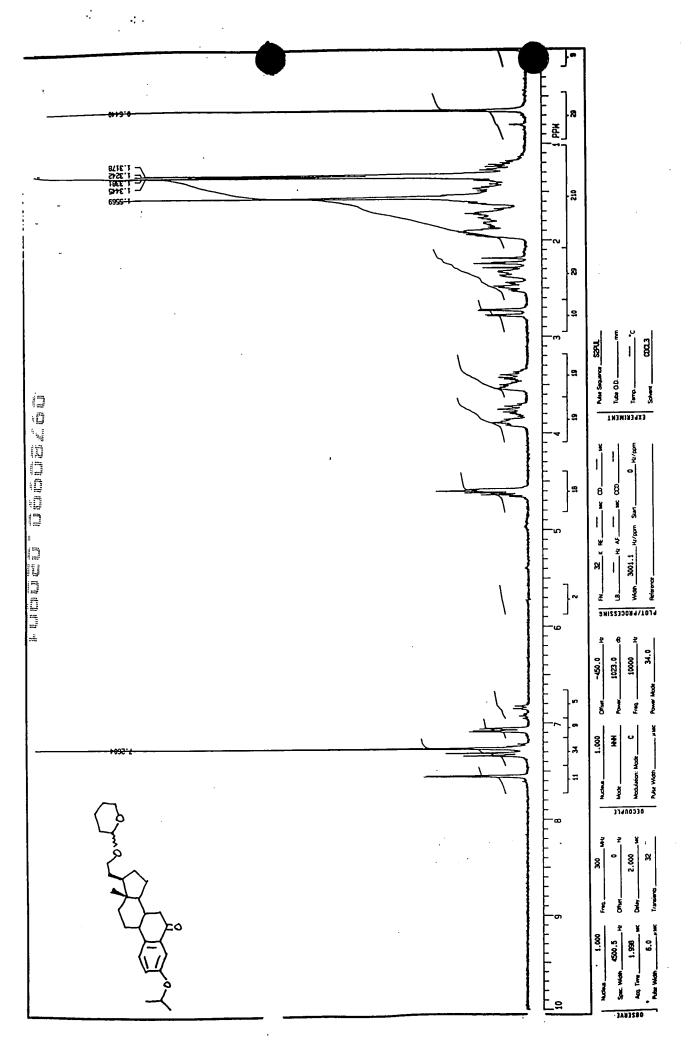


FIG. 12

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FIG. 13

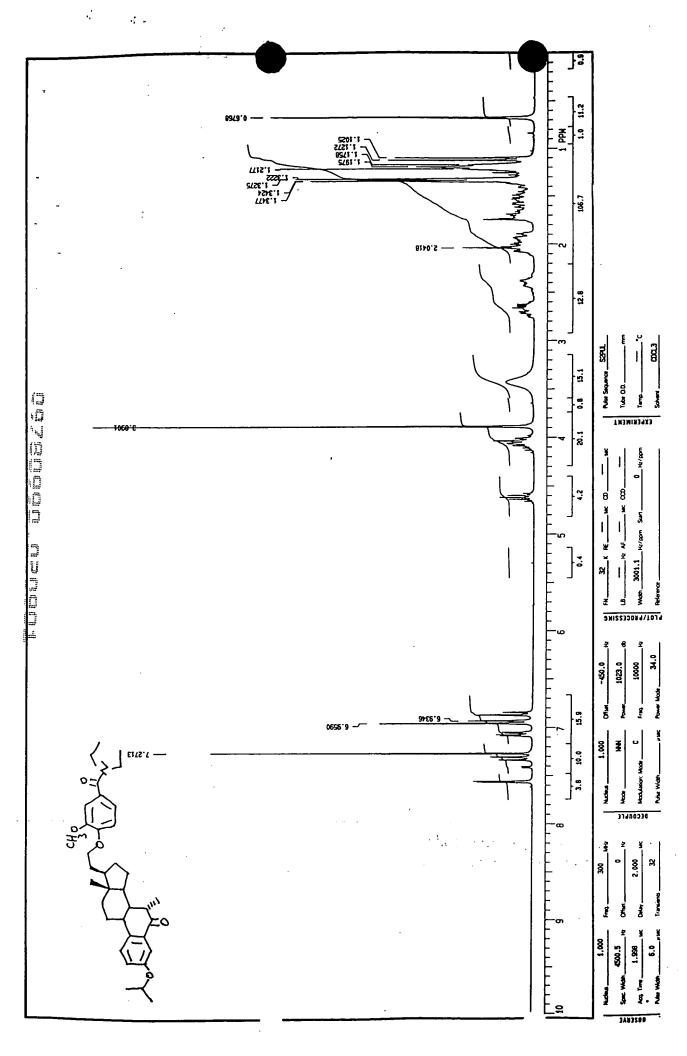
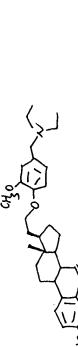


FIG. 14

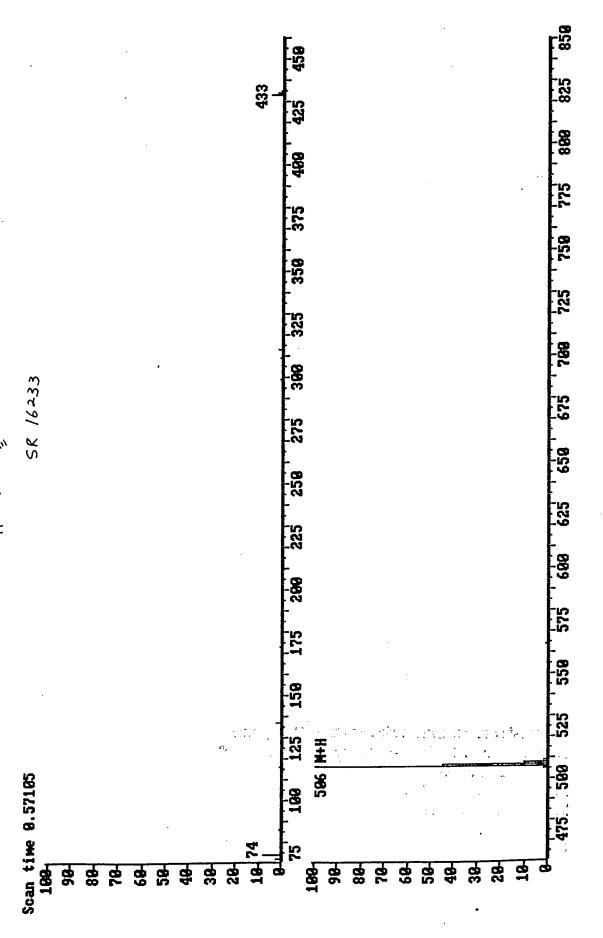
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FIG. 15



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FIG. 16



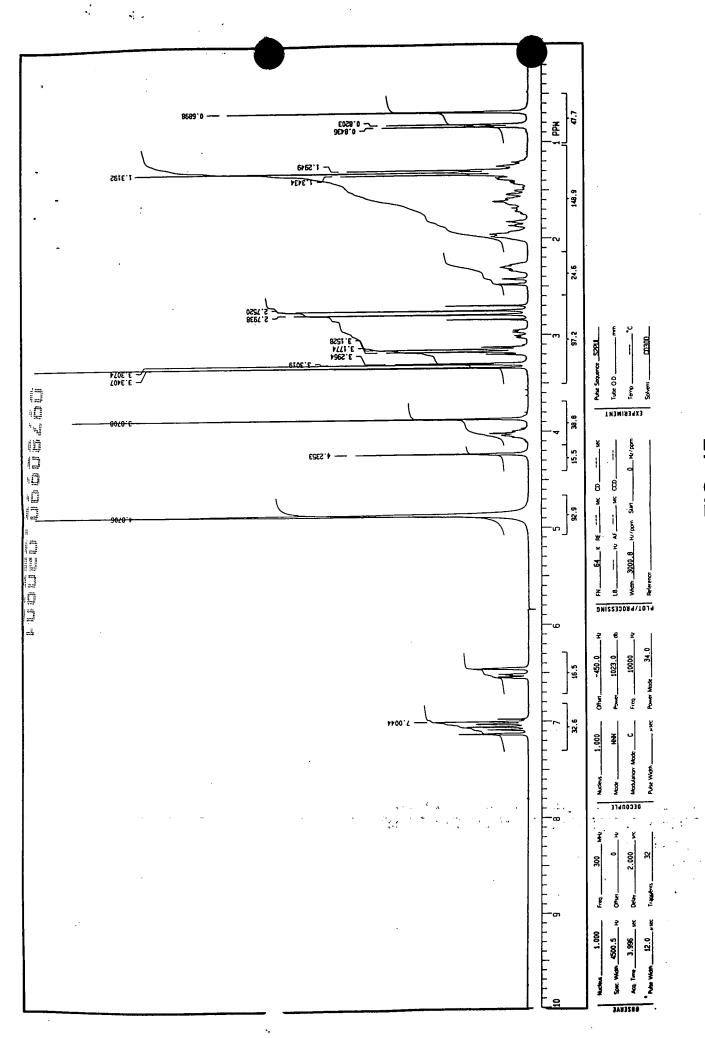
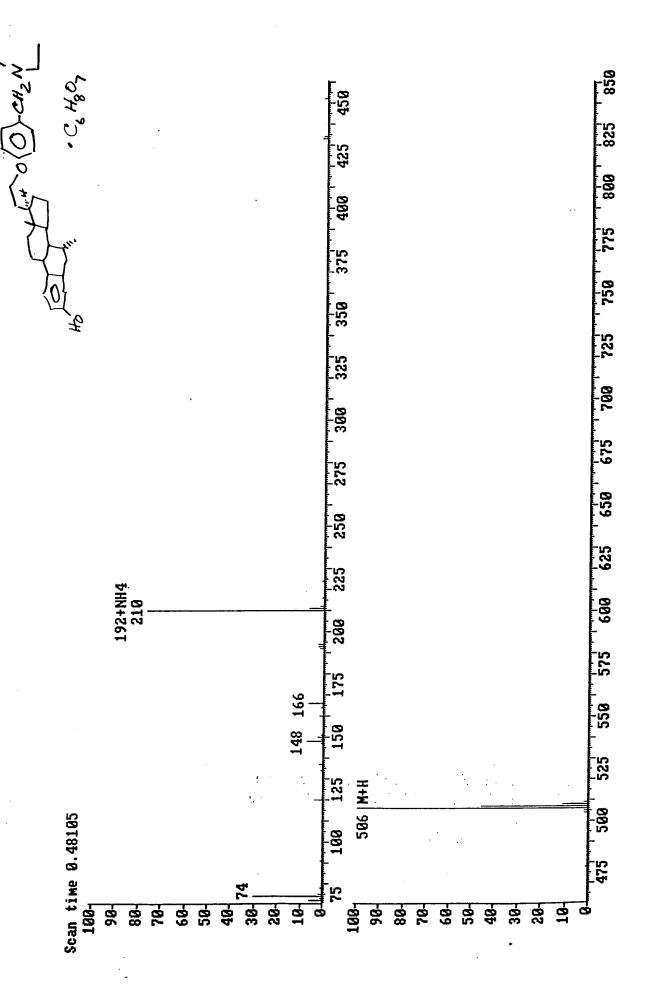


FIG. 17

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FIG. 19

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FIG. 20

FIG. 21

FIG. 22

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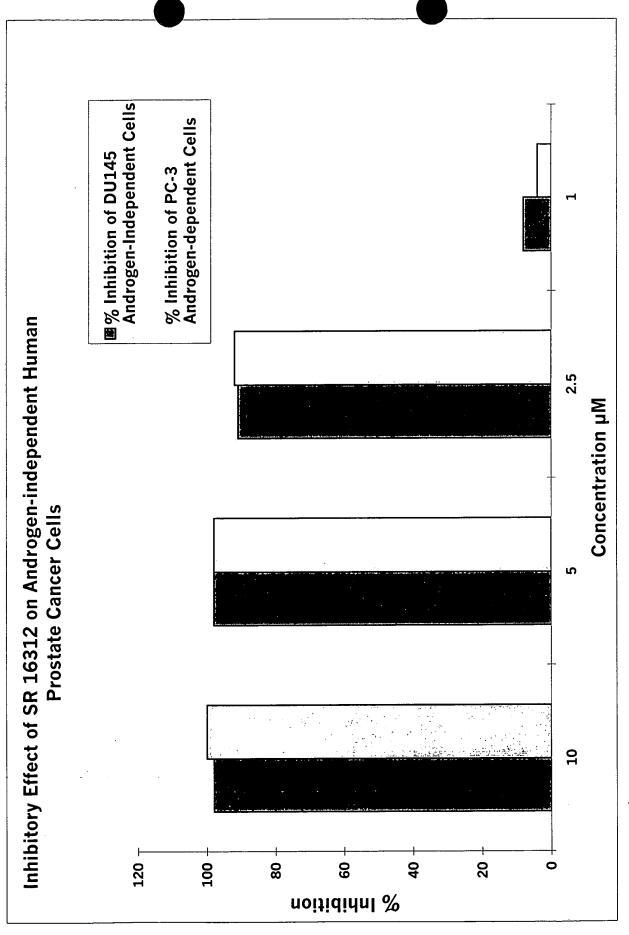


FIG. 23